

USSR/Diseases of Farm Animals. Diseases Caused by Bacteria
and Fungi.

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12265.

Author : Kochurin A. I.

Inst : Siberian Scientific Research Veterinary Institute.

Title : Opsono-phagocytal Reaction in Sheep Brucellosis

Orig Pub: Sb nauchn. rabot Sibirs. n.-i. vet. in-ta, 1956,
vyp. 6, 95-102.

Abstract: Citrated blood, taken from brucellosis-afflicted sheep, was heated for 30 minutes at 37° C / temperature after being mixed with inactivated 4-billion brucellosis antigen, prepared by the author; subsequently, smears were made from it which were fixed with alcoholic ether and stained according to Romanovskiy-Giemsa. In each smear 25 neutrophils were ex-

Card : 1/2

KOGTYUKIN, A.I., Cand Biol Sci — (diss) ^{length ap} ~~Brucellus~~ carrying
tire ^{up ovine} in ~~epidemic~~ conditions of ^{USSR} Western Siberia." Omsk, 1958
15 p. (Omsk State Vet Inst of the Min of Agr USSR) 19C or 1960
(KL, 12-58, 111)

- 23 -

KOCHURKO, V.T., inzh.

Calculation of high-voltage overhead power transmission line crossings
using wire sag curves. Energetik 12 no.7:37-39 Jl '64.

(MIEA 17:9)

ASHKEROV, V.P.; ZARELKOV, B.G.; KALUGIN, Ye.I.; SHVCHENKO, L.P.. Prinimeli
uchastiye: DEMENT'SKIY, G.S.; KOCHETKOV, A.N.. DEMIDOV, P.K., red.;
FESENKO, P.V., red.; NYAZMIKOVA, T.F., tekhn.red.

[Air-defense forces] Voiska protivovozdushnoi oborony strany.
Pod obshchoi red. P.K.Demidova. Moskva, Voen.izd-vo M-va obor.
SSSR, 1960. 217 p. (MIRA 13:9)
(Air warfare)

SERGEICHEV, Nikolay Fedorovich; TALANOV, P.I., prof., reisenzent;
KOCHUROV, A.S., inzh., reisenzent; LOS'KOV, D.I., dotsent, red.;
ZHIDKIKH, I.A., inzh., red.; BORISOV, A.P., inzh., red.; BLANK,
E.M., inzh., red.; BOOSLAVETS, N.P., tekhn. red.

[Manufacture of models] Model'noe proizvodstvo. Moskva, Mashgis,
1962. 158 p. (MIRA 1516)

(Models and modelmaking)

KOCHUBOV, Aleksey Stepanovich; MAZAROV, Aleksey Gavrilovich; ZASIPKIN,
Aleksey Georgiyevich; CINKUL'MAN, Nikolay Robertovich; VOLGOV,
Andrey Fedorovich; KRESTEROV, Boris Arkad'yevich; TROYANOV,
Andrey Konstantinovich; FILIPOV, A.S., kand.tekhn.nauk, retezentsent;
RYAZANOV, N.I., inzh., retezentsent; ZAKHAROV, B.P., inzh.. red.;
TIRMAKOV, N.P., tekhn.red.

[Manual for modelmakers] Spravochnik rabochego-model'shchika.
Moskva, Gos.suchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.
379 p.

(MIRA 13:3)

(Models and modelmaking)

KOCHUROV, A.S.; NAZAROV, A.G.; ZASYPKIN, A.G.; GIMMEL'MAN, N.R.
[deceased]; VOLECOV, A.F.; NESTIROV, A.A.; FILIPPOV, A.S.,
kand. tekhn. nauk, retsenzent; RYAZANOV, K.I., inzh.,
retsenzent; ZAKHAROV, B.P., inzh., nauchn. red.; YERMAKOV,
N.P., tekhn. red.

[Handbook for mold makers] Spravochnik rabocheego-model'-
shchika. Izd.2., perer. i dop. Moskva, Mashgis, 1963.
360 p. (MIRA 17:2)

GIMOK'L'MAN, Nikolay Robertovich; KOCHUROV, Aleksey Stepanovich;
Prinimali uchastiye: BORISOV, A.P., insh.; ZHIDKIEV, I.A.,
insh.; VOLGOV, A.P., insh.; SHABALIN, L.A., insh.
MIKHAILOV, N.P., kand.tehn.nauk, retsenzent; MAKUMOV, S.P.,
insh., retsenzent; KASIPKIN, A.G., insh., retsenzent;
ZALOZHENOV, O.N., insh., retsenzent; KLOTSMAN, M.I., insh.,
retsenzent; KOLMOGOROV, S.M., insh., retsenzent; BLANK, E.M.,
insh., red.; DUGINA, N.A., tekhn.red.

[Making models] Model'noe proizvodstvo. 3. perer. issd.
Moskva, Mashgis, 1961. 295 p. (MIRA 14:12)
(Engineering models)
(Molding (Foundry)—Equipment and supplies)

ACC NR: AT6031151

SOURCE CODE: UR/3138/66/000/418/0003/0012

AUTHOR: Kochurov, B. P.; Rudik, A. P.

10
B+/-

ORG: none

TITLE: The problem of the maximum power of a reactor

SOURCE: USSR. Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii.
Institut teoreticheskoy i eksperimental'noy fiziki. Doklady, no. 418, 1966.
Zadacha o maksimume moshchnosti reaktora, 3-12

TOPIC TAGS: maximum principle, one group problem, reactor fuel distribution,
reactor power, optimum atomic fuel distribution, optimum process theory

ABSTRACT: The maximum principle is applied to the solution of a one-group
problem on the optimum distribution of a fissionable material along the height of a
reactor to obtain maximum reactor power under the thermal restrictions imposed
on the surface of the fuel rod. A reactor is shown to be optimum when the density
of the fuel on its periphery is the maximum permissible, and, in its central zone,
is in accord with the prevailing thermal restriction. The authors thank V. G.
Boltýanskiy and L. N. Bol'sheva for their discussion of the mathematical aspects of

Card 1/2

ACC NR: AT6031151

the theory of optimum processes. Orig. art. has: 11 formulas and 4 figures.
[Authors' abstract]

(SP)

SUB CODE: 20 / SUBM DATE: 24Jan86 / ORIG REF: 002 / OTH REF: 001 /

awm
Card 2/2

S/089/63/014/003/006/020
B102/B186

AUTHORS: Belkin, V. F., Shvedov, O. V., Kochurov, B. P.

TITLE: Determination of the external blocking effect in heavy-water moderated multiplying assemblies

PERIODICAL: Atomnaya energiya, v. 14, no. 3, 1963, 281 - 284

TEXT: The external blocking effect of a multiplying assembly was found by measuring the thermal and epithermal neutron density distributions in the moderator. Discs of 0.42 cm diameter, made of Dy (~ 3 mg/cm) and of In (~ 25 mg/cm²) coated with Cd, served as detectors for the thermal and epithermal neutrons respectively. These detectors were arranged in radial sections around a 100/0.252 channel in a quadratic lattice (pitch 26 cm). The channel was 36.8 cm off the core axis. The blocking effect, characterized by $W = \bar{N}_{mod}/\bar{N}_o$, was calculated also by the usual formulas (Galatin). \bar{N}_{mod} is the mean neutron density in the moderator and \bar{N}_o is the mean thermal neutron density at the outer surface of the caisson tube. The results were: $W_{exp} = 1.514$ and $W_{calc} = 1.504$. Measurements and calculations were made

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L-1765-63

ACCESSION NR. AP3005217

EPF(n)-2/ENT(u)/RDS AFITC/ASD/SGD Date 8/8

8/0089/63/015/002/010*011*

AUTHORS: Galanin, A. D.; Kochurov, E. P.

TITLE: Theory of homogeneous reactors with blocks of finite radius

SOURCE: Atomnaya energiya, v. 15, no. 2, 1963, 107-115

TOPIC TAGS: reactor, homogeneous reactor, thermal neutron

ABSTRACT: The paper deals with the theory of large homogeneous reactors working with thermal neutrons and cylindrical blocks. The dimensions of the square cells are much larger than the scattering path of neutrons in the moderator. Each block represents neutron sinks, and has a dipole moment in addition. Therefore, in order to determine the diffusion length in the lattice in directions parallel and normal to the block axis, it is necessary to know two polarization constants, in addition to the thermal constant. The characteristic equation of the lattice and the formula for the diffusion length have been derived for a rather weak absorption in the moderator and a sufficiently large number of reactor cells. As an example, the polarization coefficients were calculated in the P_2 approximation. In the P_1 approximation, the results essentially agree with those published by the first author earlier (Atomnaya energiya 9, 1960, 89). The authors

Card 1/2

L 17588-63

ACCESSION NR: AP3005217

express their gratitude to B. I. Il'ichev for a discussion of results." Crig.
art. has: 31 equations.

ASSOCIATION: none

SUBMITTED: 13Oct62

DATE ACQ: 06Sep63

ENCL: 00

SUB CODE: PH

NO REF Sov: 009

OTHER: 004

Card 2/2

KOCHUROV, B.P.

Calculating the dipole moment of a cylindrical fuel element.
Atom. energ. 19 no.6:530 D '65.
(MIRA 19:1)

BEDNAZH, Roman [Bednars, Roman] KOCHUROV, Boris P.

Critical condition of an inhomogeneous reactor with rods of finite radius. Nukleonika 9 no. 6:439-450 '64.

1. Institute of Nuclear Research, Warszawa-Swierk (for Bednars).
2. Institute of Theoretical and Experimental Physics, State Committee for the Use of Atomic Energy, U.S.S.R.

BELKIN, V.P.; KOCHUROV, B.P.; SHVEDOV, O.V.

Measuring the density distribution of thermal neutrons along the
radius of plug type fuel elements. Atom. energ. 15 no.5:377-381
N '63.
(MIRA 16:12)

L 40625-6 EFT(2)/EMT(1)/EMI LNF(c) MIA/m/n
ACC NR. AP6021625 SOURCE CODE: UR/OC89/66/020/003/0243/0247

44
8

AUTHOR: Kochurov, B. P.

ORG: none

TITLE: Minimum critical mass for a limited concentration of uranium

SOURCE: Atommaya energiya, v. 20, no. 3, 1966, 243-247

TOPIC TAGS: uranium, uranium concentration, critical mass minimum, thermal neutron, reactor, reactor reflector, АТОМНАЯ ЭНЕРГИЯ. АТОМНАЯ ЭНЕРГЕТИКА ТЕХНОЛОГИЯ

ABSTRACT: The paper deals with the two-group theory of optimum distribution of uranium and minimum critical mass for reactors with finite and infinite reflectors. The maximum principle has been applied to solving a problem of minimum critical mass for a limited uranium concentration. It has been shown that the three-zone system is best: the internal zone with the maximum permissible concentration w_0 ; the intermediate zone where uranium distribution corresponds to a constant density of thermal neutrons; and the reflector. The results are given for plane and spherical geometry. The author expresses his gratitude to A. P. Rudik for his continuous interest in this work and for discussing the results, and to A. D. Galanin for his review. Orig. art. has: 12 formulas. [Translation of author's abstract] [AM]

SUB CODE: 18/ SUBM DATE: 14Aug65/ ORIG REF: 002/ OTH REF: 001/

LS
Card 1/1

UDC: 621.039.51

KOCHUJOV, P. I.

KOCHUJOV, P. I.: "Basic features of the organization of teaching work on physics in the school for working youth (seventh through tenth classes)." Sci Res Inst of Teaching Methods, Academy of Pedagogical Sciences RSFSR. Moscow, 1956. (Dissertation For the Degree of Candidate in Pedagogical Sciences.)

Knizhnaya letopis', No. 39, 1956. Moscow.

KOCHUROV, F.I.

Elements of technical education in the teaching of physics in a
school for working youth. Politekh.obuch. no.7:37-42 J1 '57.

(MIA 10:?)

1. Shkola rabochey molodezhi No. 1 g.Stavropolya krayevogo.
(Physics--Study and teaching) (Technical education)

K E E P F A L K E , F . t .

AUTHOR: Kochurov, P.I. (Stavropol') 47-4-14/20

TITLE: Some Peculiarities of a Lesson at the Young Workmen Schools in Connection With Polytechnical Training (Nekotoryye osobennosti uroka v shkolakh rabochey molodzhi v svyazi s politekhnicheskim obucheniem).

PERIODICAL: Fizika v shkole, 1957, No 4, pp 73-78 (USSR)

ABSTRACT: The author discusses the best method of conducting lessons in physics at Schools for Working Youths. He lists conservations, lectures, stories, etc. The choice is greatly influenced by the mental capabilities of the students, their age, general development and awareness or comprehension. As student-workmen differ from other students, their lessons must have a special logical structure. Experience of advanced teachers of a number of Schools for Working Youths (the 45th and 61st of Moscow, the Pyatigorsk, and the 3rd of Stavropol') has shown that discussion is the most efficient form of conveying knowledge in physics to such students. By their practical work the students have already gained considerable knowledge on the subject. They also make observations during their professional work which should be utilized in the course of the lesson. This would induce the teacher to apply one of the most efficient

Card 1/2

KOCHUROV, M., kapitan mediteinskoy slushby

Determining the velocity of sensorimotor reactions. Voen.sviash. 16
no. 4:19-20 Ap '58. (MIRA 11:4)
(Conditioned response)

KOCHUROV, Y.I. (Stavropol' krayevoy)

Production assignments in physics in rural schools. Fiz.v
shkole 23 no.1:79-83 Ja-F '63. (MIRA 164)
(Physics—Study and teaching)
(Agricultural machinery—Study and teaching)

KOCHUROV, M.

Advertising is a form of agitation. Grazhd. av. 19 no.3:17
Mr '62. (MIRA 15:5)

1. Nachal'nik Sverdlovskogo gorodskogo agentstva.
(Advertising, Public service) (Aeronautics, Commercial)

7-24-44 R.G.Y., M.I.

BAUMOV, V.I.; SIDOROV, N.O.; SAKHAROV, V.K. [deceased]; VILNIETSKIY, O.A.,
inzhener, retsentent; KARATSEV, V.N., inzhener, retsentent; KAZAROV,
D.M., inzhener, retsentent; TSVETNIKOV, V.I., kandidat tekhnicheskikh
nauk, redaktor; KOMAROV, M.I., inzhener, redaktor; PETROV, F.I.,
inzhener, redaktor; SOKOLOVA, L.V., tekhnicheskiy redaktor

[Operation, technical maintenance and repair of automobiles; reference
materials] Uslugovanie, tekhnicheskoe obsluzhivaniye i remont avto-
mobilei; spravochnye materialy. Iss. 2-e, perer. i dop. Moscow, Gos.
nauchno-tehn. izd-vo mashinostroit. lit-ry, 1954. 495 p. [Microfilm]
(Automobiles) (MIRA 8;4)

KOCHUROV, N. I.

KOCHUROV, N. I.- "Investigation of the Effects of the Suspended Plow on the Pulling Characteristics of the KMTZ-7 Tractor." Min of Higher Education USSR, Leningrad Agricultural Inst, Leningrad, 1955 (Dissertations For Degree of Candidate of Technical Sciences)

SO: Knishnaya Letonis' No. 26, June 1955, Moscow

GORBUKOV, M.S.; D'YAKOVA, A.N.; KOLZOV, P.D.; KOCHUROV, N.I.; MYAKHLITS, O.V.,
TSVETNIKOV, V.I.; LUR'E, A.B., redakter; CHAPSKIY, O.U., redakter;
VODOLAZINA, S.D., tekhnicheskiy redakter.

[Tractors] Traktory. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1956. 307 p.
(Tractors) (MIRA 9:6)

NAUMOV, Vasiliy Ivanovich; SIDOROV, Nikolay Grigor'yevich; SAKHAROV,
Vladimir Konstantinovich [deceased]; BELYAKOV, O.A., inzh.,
retdsenzant; KARATEEV, V.N., inzh., retsenzant; NAZAROV, D.M.,
inzh., retsenzant; KOCHUROV, N.I., dotsent, kand.tekhn.nauk, red.;
TSVETNIKOV, V.I., dotsent, kand.tekhn.nauk; GOFFMAN, Ye.K., red.
izd-va; SHKOLOVA, V.L., tekhn.red.

[Operation, technical maintenance, and repair of automobiles;
reference materials] Uchoplutstelsia, tekhnicheskoe obsluzhivanie
i rement avtomobilei; spravochnye materialy. Izd.3, perer. i dop.
Moskva, Gos.sachne-tekhn.izd-vo mashinostroit.lit-ry, 1959. 447 p.
(Automobiles) (MIRA 12:5)

IOFIMOV, Semen Abramovich, kand.tekhn.nauk; KOCHUROV, Nikolay Ivanovich, kand.tekhn.nauk; TSIRIN, Arvidiy Alekseyevich, kand.tekhn.nauk. Prinimal uchebnye SHAL'NOV, P.V., kand.tekhn.nauk. CHAPSKIY, O.U., red.; CHUMAYENVA, Z.V., tekhn. red.; HARANOVA, L.G., tekhn.red.

[Farm mechanization and electrification; power utilization in agriculture] Mekhanizatsiya i elektrifikatsiya sel'skogo khoziaistva; energetika sel'skokhoziaistvennogo proizvodstva. Pod obshchey red. S.A.Iofimova. Leningrad. Gos.sud-vo sel'khoz. lit-ry, 1960. 383 p. (MIRA 14:2)

(Farm mechanization) (Electricity in agriculture)

ORIBANOV, Vladimir Ivanovich; ORLOV, Vladimir Andreyevich; KOCHETKOV, N.I.,
dots., retsentent; KRELIANSKIY, G.A., inzh., red.; DUBROVA, G.A.,
red. iad-vs; SHCHEPTINIKH, L.V., tekhn. red.

[Carburetors for internal combustion engines] Karbiuratory dvi-
gatelyei vnutrennogo sgoraniia. Moskva, Gos. nauchno-tekhn. iad-
vo mashinostroit. lit-ry, 1961. 201 p. (MIRA 14:5)
(Carburetors)

KOCHUROV, Nikolay Ivanovich; TSVETNIKOV, Viktor Ivanovich; ZUYEV,
A.I., inzh., retsentent; MIADELETS, O.V., inzh., red.;
SIMONOVSKIY, N.Z., red. iad-va; SINCHETININA, L.V., tekhn.
red.

[Hydraulic systems of tractors and agricultural machines]
Gidravlicheskie sistemy traktorov i sel'skokhoziaistven-
nykh mashin. Moskva, Mashgis, 1962. 176 p. (MIRA 15:11)
(Tractors—Hydraulic equipment)
(Agricultural machinery—Hydraulic equipment)

KOSENKO, B.P.; TYUJKIN, V.P.; SNEZHNIKOV, G.O.; KOCHUROV, N.I.,
kand. tekhn. nauk, dots., retsensant; PROLOV, A.A., kand.
tekhn. nauk, retsensant; SAFRONOV, S.P., inzh., red.;
YURKEVICH, M.P., inzh., red. izd-va; PETERSON, M.M., tekhn.
red.

[Soviet-made tractors] Otechestvennye traktory; spravochnik.
Moskva, Mashgis, 535 p. (MIRA 16:2)
— (Tractors--Design and construction)

BLAGOVESCHENSKIY, D.A.; KOCHUROV, P.M., redaktor; PASKOVA, L.N., redaktor;
VERINA, O.P., tekhnicheskiy redaktor

[Technical, industrial, and financial plan of locomotive repair
plants] Tekhpromfinplan parovozremontnogo zavoda. Moskva, Gos.
transp. zhelez-dor. izd-vo, 1954. 199 p. [Microfilm] (MLRA 7:10)
(Locomotives--Repairs)
(Railroads--Management)

GLEBOV, Petr Vasil'yevich, inzhener; KOCHUROV, P.M., redaktor; VERINA,
G.P., tekhnicheskiy redaktor _____

[Organization of production in locomotive repair shops] Organi-
zatsiya proizvodstva na parovozo-remontnykh zavodakh. Morskva,
Gos.transportnoe zashchitnoe izdatel'stvo, 1955. 399 p. (MLRA 8:11)
(Locomotives---Repairs)

AL'ZHINOV, A.A.; ARTEMKIN, A.A.; ASHKERNAZI, Ye.A.; VINOGRADOV, O.P.; GALEYEV,
A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV,
P.M.; ZERNIK, N.P.; IVANOV, I.I.; IL'IN, I.P.; IDOTIK, P.I.; KUDRYA-
SHOV, A.T.; LAPSHIN, P.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.N.;
POGODIN, A.M.; RUDOV, N.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY,
I.P.; SITNIK, M.D.; TETRELEV, B.K.; TETREYEV, I.Ye.; TSUKANOV, P.P.;
SEADIKYAN, V.S.; ADELUNG, H.H., retsezent; AFANAS'YEV, Ye.V., retsen-
zent; VLASOV, V.I., retsezent; VOROB'YEV, I.Ye., retsezent; VERO-
NOV, N.M., retsezent; GRITCHENKO, V.A., retsezent; ZHEKHEDIN, N.N.,
retsezent; IVLIYEV, I.V., retsezent; KAPORTSEV, N.V., retsezent;
KOCHUBOI, F.M., retsezent; KRIVONOSHKO, N.Z., retsezent; KUCHKO,
A.P., retsezent; LOMAEV, V.V., retsezent; MOROZOV, A.S., retsen-
zent; ORLOV, S.P., retsezent; PAVLOSHKOV, E.D., retsezent; POPOV,
A.N., retsezent; PROKOF'YEV, P.F., retsezent; RAKOV, V.A., retaen-
zent; SINEGUBOV, N.I., retsezent; TEEHIN, D.F., retsezent; TIHO-
MIROV, I.O., retsezent; UHRAN, I.V., retsezent; PIALKOVSKIY, I.A.,
retsezent; CHEPYZHEV, B.F., retsezent; SHKBIAKIN, O.S., retsezent,
SHCHEMBAKOV, P.D., retsezent; GARINIK, V.A., redaktor; LOMAGIN, N.A.,
redaktor; MOHDVILKIN, N.A., redaktor; RAJMOV, A.N., redaktor; POKH-
DIN, V.P., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOV, K.N.,
redaktor; CHIKENVATTY, N.S., redaktor; ARSHINOV, I.M., redaktor;
BAKALIAN, V.B., redaktor; BERNARD, K.A., redaktor; VERSHINSKIY, S.V.,
redaktor; GAMZURO, Ye.Yu., redaktor; DERIBAS, A.T., redaktor;
DOMEROVSKIY, K.I., redaktor; KORNETYEV, A.I., redaktor; MIKHAYEV, A.P.,
redaktor

(Continued on next card)

ALYEROV, A.A. ---- (continued) Card 2.

MOSKVIN, O.N., redaktor; RUDINSHTEIN, S.A., redaktor; TSYPIN, G.S.,
redaktor; CHERNIAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor;
CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A.,
redaktor

[Railroad handbook] Spravochnaya knishka zhelezodorozhnika, Izd.
3-e, ispr. i dop. Pod obshchey red. V.A.Goryaka. Moskva, Gos.
trensp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tehnicheskoye obshchestvo zhelezodorozhnogo transporta.
(Railroads)

ALIYEV, Mubbil Abbasovich, insh.; KOCHUROV, P.M., red.; MEDVEDEV,
M.A., tekhn.red.

[A communist labor plant; work practice of the Baku Railroad
Car Repair Plant] Zavod kommunisticheskogo truda; opyt raboty
Bakinskogo vagonoremontnogo zavoda. Moskva, Vses.izdatel'sko-
poligr.oob"edinenie M-va putei soobshcheniiia, 1960. 76 p.

(MIRA 14:2)

(Baku--Railroads--Repair shops) (Socialist competition)

PODZHIVALOV, Boris Dmitriyevich; KOCHUROV, Pavel Mikhaylovich; PLAVINSKIY,
Yuriy Eduardovich; MALOZEMOV, N.A., doktor tekhn. nauk, retezsent;
PARAMONOV, A.A., inzh., retezsent; PAVLUSHKOV, Z.D., inzh., red.;
KISELEVA, N.P., inzh., red.; KHITROV, P.A., tekhn. red.

[Production organization in diesel locomotive repair plants] Organiza-
tsiya proizvodstva na teplovozorementnykh zavodakh. Moskva, Vses.
izdatel'sko-poligr.oob"edinenie M-va putei soobshchenia, 1961. 189 p.
(MIRA 14:12)

(Diesel locomotives--Repairs) (Railroads--Repair shops)

KOCHUROV, V.

Resources of a plant, Mashinostroitel' no.10:26 O '61.
(MIRA 14:9)
(Vladimir—Automobiles—Apparatus and supplies)

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CIA-RDP86-00513R000723520015-6

KOCHUROV, V.

Plastics in the instrument industry. Mashinostroitel' no.11:
34 N '64
(MIRA 18:2)

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723520015-6"

L 17204-63 EPR/EPP(c)/EIT(n)-2/EIT(1)/ED-1 APPDC/LSD/SSD PR-4/Pm-1/rac

ACCESSION NR: AP3002767 W

S/C 143/63/000/005/0091/0097

75
67

AUTHOR: Kochurov, V. I. (Engineer)

TITLE: Determining the dynamic characteristics of temperature primary elements

SOURCE: IVUZ, Energetika, no. 5, 1963, 91-97

TOPIC TAGS: temperature primary element

ABSTRACT: Hitherto known simplified methods for determining dynamic characteristics have considered the problem as one-dimensional and consequently failed to allow for complicated designs of the real temperature detectors. The author's method assumes that the detector consists of n parts made from, generally speaking, different materials. Heat transfer surrounding-medium-detector is represented by the transfer functions, one covering the heat exchange between the medium and the detector surface, and the other covering the heat transfer within

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ACCESSION NR: AP3002767

the detector. Both functions are expressed in terms of the Laplace transforms and frequency characteristics of the system are found. A particular case of a spherical temperature detector is analyzed with the use of the Biot criterion. The tabulated results serve to evaluate the accuracy of calculation of the frequency characteristics. Orig. art. has: 4 figures, 12 formulas, and 2 tables.

ASSOCIATION: Tsentral'nyy kotloturbinnyy institut im. I. I. Polzunova
(Central Boiler and Turbine Institute)

SUBMITTED: 14Dec62 DATE ACQ: 24Jul63 ENCL: 00

SUB CODE: EE NO REF Sov: 007 OTHER: 000

Card 2/2

ACCESSION NR: AP4019003

8/0146/64/007/001/0143/0148

AUTHOR: Kochurov, V. I.

TITLE: Connection between the thermal inertia of a system of bodies and the action of environment on those bodies

SOURCE: IVUZ. Priborostroyeniye, v. 7, no. 1, 1964, 143-148

TOPIC TAGS: thermal inertia, thermal conditions of first kind, regular thermal conditions, heat transfer, heat exchange

ABSTRACT: A theoretical analysis of the regular thermal condition in a system of bodies is offered. A generalized criterion of thermal inertia $M = \frac{m}{n}$, and a generalized Biot criterion $H = \frac{\lambda \cdot Ks}{1 \cdot V}$ are connected as $M = F(H)$ for a wide class of homogeneous and isotropic bodies; here, m is the rate of the regular thermal conditions of the first kind, m_{∞} is the same when $\alpha \rightarrow \infty$, α is the heat-exchange coefficient, λ is the thermal conductivity, K is a body-shape factor,

Card 1/2

ACCESSION NR: AP4019003

V is the body volume. The article offers formulas and curves describing the area which includes all $M=F(H)$ curves: the upper boundary is $M=H$; the lower boundary is $M=\frac{H}{1+\alpha}$. The latter corresponds to such an extreme system which, under regular conditions, has one temperature on the entire surface and a different (but the same) temperature at all other points. Orig. art has: 3 figures and 33 formulas.

ASSOCIATION: Tsentral'nyy kotloturbinnyy institut im. I. I. Pol'sunova
(Central Boiler-and-turbine Institute)

SUBMITTED: 15 May 63 DATE ACQ: 23 Mar 64 ENCL: 00

SUB CODE: PH, PR NO REF Sov: 002 OTHER: 000

Card 2/2

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723520015-6

KOCHUROV, V.V., inah.

Die-casting machine. Mekh. i avtom. proizv. 17 no.8:45-46 Ag '63.
(MIRA 16:10)

APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723520015-6"

KOCHUROV, Yu.

Promote the experience of outstanding workers and give the lagging workers a boost. MTO no.12: 47-48 D '59 (MIRA 13:3)

1. Predsedatel' oblastnogo soveta nauchno-tehnicheskikh obshchestv,
6. Orenburg.
(Orenburg Province--Efficiency, Industrial)

MART'YANOV, Mikhail Mikhaylovich, inzhener; KOCHUBOV, Jurij Dmitriyevich,
inzhener; KLYUChENSKIY, Fedor Mikhaylovich, inzhener; MOREV, Petr
Georgiyevich, inzhener; KUDRYASHOV, A.T., inzhener, redaktor;
VERINA, O.P., tekhnicheskij redaktor

[Manual for workers in chemical and technological railroad and
locomotive depot laboratories] Rukovodstvo rabotnikam doroschnykh
i depovskikh khimiko-tehnicheskikh laboratorii. Moskva, Gos. transp.
shel-dor. izd-vo, 1956. 282 p.
(Railroads) (Laboratories) (MLRA 9:10)

KOCHUROV, Yu.D.

Seminar of laboratory workers. Elek. i tepl. tsiaga no.6:35 Je '58.
(MIRA 11:6)

1. Nachal'nik doreshnoy khimiko-tehnicheskoy laboratorii, Orenburg-
skaya deroga.
(Diesel locomotives--Fuel consumption)

KOCHUROV, Yury Dmitrievich; MOREV, Petr Georgiyevich; MART'YANOV,
Mikhail Mikhaylovich; SHAPROV, Mikhail Fedorovich; KLYUYEVSKIY,
Fedor Mikhaylovich; BLIDCHENKO, I.P., inzh., retezentsent;
GRISHIN, K.S., inzh., retezentsent; IVANOV, S.N., inzh., retezen-
sent; KUZINA, Z.P., inzh., retezentsent; MUSAL'YAN, A.T., inzh.
retezentsent; SAL'MAN, R.V., inzh., retezentsent; SOBAKIN, V.V.,
inzh., red.; USHENKO, L.A., tekhn. red.

[Manual for the personnel of chemical and technical laboratories
in the field and at depots] Rukovodstvo rabotnikam dorozhnykh
depovskikh khimiko-tekhnicheskikh laboratori. Izd.2., ispr. i
dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei
soobshcheniya, 1962. 211 p. (MIRA 15:4)
(Railroads--Equipment and supplies)
(Engineering laboratories)

KOCHUBEROVA, A., assistant; KOLESNIK, A.

Cold storage of apples. Sov. torg. no. 3:47-50 Nr 158. (NIRA 11:2)
(Apple--Storage) (Cold storage)

KOCHURDOVA, A.

Storage apples in freezing temperatures. Sov.torg. 33 no.9:
50-52 8 '59.
(Apple--Storage) (MIR 12:12)

KOCHUROVA, A. I.

Cand Tech Sci - (diss) "Study of storage of fresh apples at temperature lower than 0°." Moscow, 1961. 16 pp; (Ministry of Commerce RSFSR, Moscow Inst of Economy imeni G. V. Plekhanov); 120 copies; price not given; (KL, 6-61 sup, 219)

KOCHUROVA, A.L.; KULIKOVA, P.Ye.; YEL'KINA, A.V.

Effectiveness of treating erosion of the cervix uteri with
irrigations iodine-bromine water at the Ust'-Kachka Health Resort.
Vopl' kur., fizioter. i lech. fiz. kul't. 26 no.3:205-206 My-Je '61.

(MIRA 14:7)

1. Is kurorta Ust'-Kachka (direktor V.N.Shukin).

(UTERUS—DISEASES) (UST'-KACHKA—MINERAL WATERS)

VOLKOV, B.V.; MARTYNEKO, L.A.; KOCHUROVA, O.A.

Determination of nitrocyclohexane in sewage. Gig. 1 san. 26 no. 1:
62-63 Ja '61.
(MIRA 14:6)

1. Iz Lisichanskogo filiala Nauchno-issledovatel'skogo i proyektirovaniya
instituta avtotraktorostroeniya i produktov organicheskogo sinteza.
(CYCLOCHEXANE) (SEWAGE)

VOLKOV, B.V.; MARTYNEKO, L.A.; KOCHUROVA, O.A.

Use of methanol for the regeneration of spent activated
carbon in the purification of industrial sewage from organic
compounds; Gig. i-san. 26 no.9:81-84 S '61. (MIRA 15:3)
(CARBON, ACTIVATED)
(METHANOL)

KOCHUROVA, K. P., Cand Agr Sci -- (diss) "Effect of Feeding of
Succulent Feeds upon the Growth of Chickens and Egg-Laying Capa-
city of Caged Hens." Mos, 1957. 16 pp (Min of Agriculture USSR,
Mos Veterinary Acad), 140 copies (KL, 48-57, 108)

- 48 -

Country : USSR
Category : Farm Animals.
Domestic Birds.
Aba. Jour : Ref Zhur-Biol., No 16, 1958, 74147 Q-4
Author : Kochurova, K. P.
Institut. : -
Title : Utilization of Fodder Syrup for Chick and Pen Feeds.
Orig Pub. : Ptitsevodstvo, 1957, No 9, 45-46
Abstract : No abstract.

Card: 1/1

KOCHUROVA, N.N.

The condensation factor. Inzh.-fiz. zhur. 7 no. 3:68-72
Mr '64. (MIRA 17:5)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy kotloturbinnyy institut im. I.T.Polaunova, Leningrad.

KOCHUROVA, N.N.

Calculating the coefficient of condensation. Inzh.-fiz. zhur. # no.6;
822-823 Je '65.
(MIRA 18:7)

KOCHUROVA, Elena Nikolayevna; KHLAROV, L.A., redaktor; IVANOVA, A.V.,
tekhnicheskiy redaktor

[Geometric methods of quantitative mineralogical analysis of rock]
Geometricheskie metody kolichestvenno-mineralogicheskogo analiza
gornykh porod. Leningrad, Izd-vo Leningr. univ., 1957. 65 p.
(MIRA 10:5)
(Rocks--Analysis)

KOCHUROVA, R. N.

Chemistry of minor intrusions in the northwestern part of the
Crimean Mountains. Vest IgU 19 no. 6:139-144 '64.

(MIRA 17:5)

OGREH, N.K.; KUCHEROVA, N.N.

New data on the Albian stratigraphy of the Al'ma Valley
(southwestern Crimea). Vest. IOU 14 no.18:114-118 '59.
(MIRA 12:8)
(Al'ma Valley--Geology, Stratigraphic)

KOCHUHOVA, R.N.

Igneous rocks in the Bodrak Basin (Crimea). Vest.LOU 15 no.12:
36-47 '60.
(Borak Valley--Rocks, Igneous)

If the flight trajectory is predetermined or programmed before takeoff. If the flight path is subject to in-flight variations (piloted aircraft), the DDA should be supplemented by a computer which adds considerable flexibility to the system. For instance,

Card 1/2

L 06404-67

ACC NR: AT6029230

in a transport aircraft, the DDA can continuously compute the navigational data, while the computer, in intervals of 30-40 minutes can correct the navigational data and determine flight conditions for minimum fuel consumption. The "navigator" constructed at the Chair of Automation of the Kiev Institute of the Civil Air Fleet and the Institute of Cybernetics, AN UkrSSR has the following specifications: serial operation, 24 integrators, binary fixed point operational code, 20 bit and sign words, ternary increment coding, euler's integration (rectangular) method, as well as rectangular method with partial trapezoidal correction, 75 integrations per second, manual entry of the initial state information, automatic entry of operational data, and four place decimal output on a teletype. The DDA consists of a numerical information memory, increment memory, integration unit, data input unit, and an output unit. All logic is based on ferrite core transistor elements. Each functional block is described in detail and design and performance data are given. Orig. art. has: 4 figures.

SUB CODE: OJ, 09,17 / SUBM DATE: 12Feb68 / ORIG REF: 003 / OTH REF: 000

Card 2/2 *LL*

KOCHUZIN, S. M.

USSR/Engineering
Locomotive
Sparks - Suppression

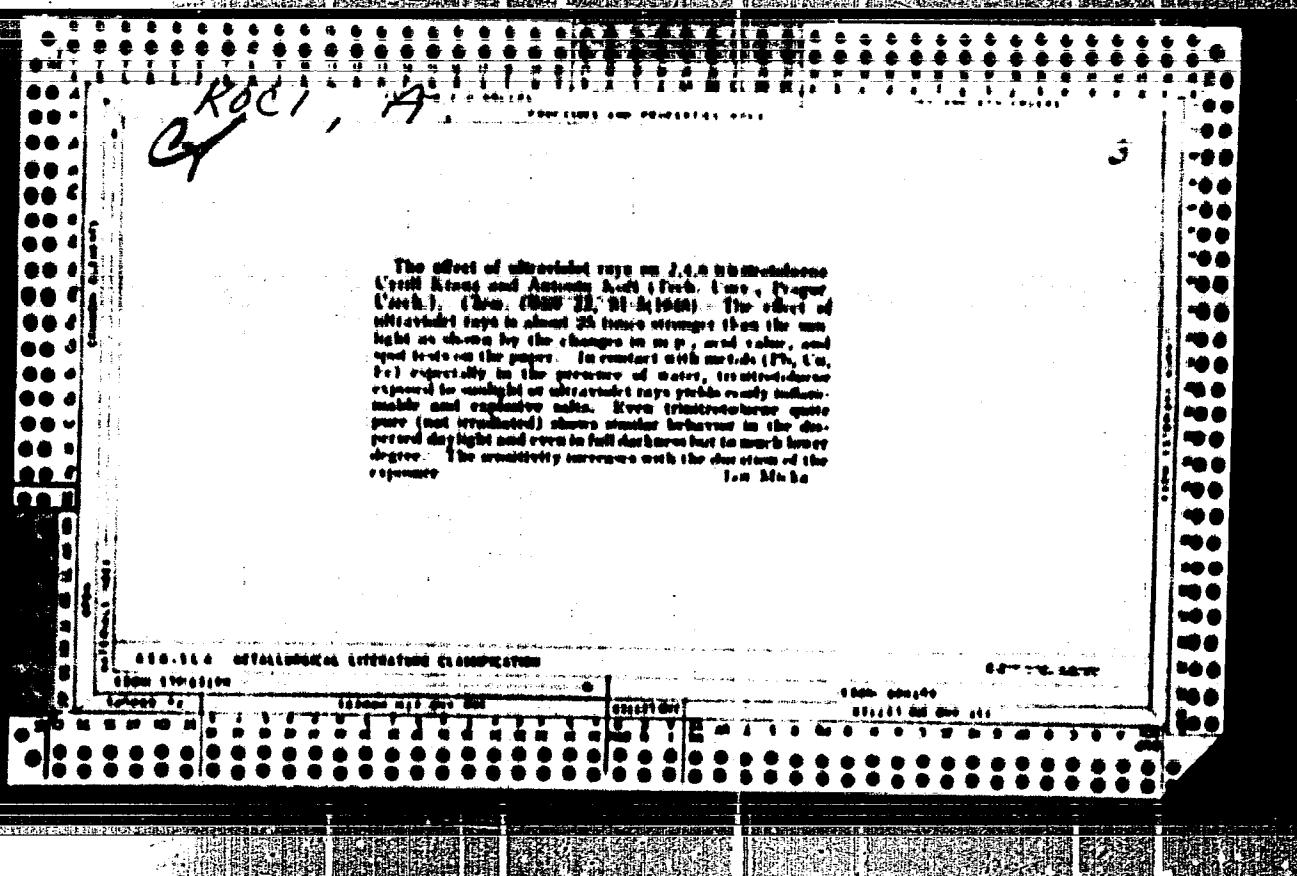
Oct 48

"Turbine Spark Catcher," A. D. Lobachev, S. M. Kochuzin, 1 p

"Turf Prom" No 10

The Novikov-designed spark arrestor installed on type 159 locomotives operating at peat enterprises fulfills its requirements, but lowers efficiency of steam generation. Briefly describes so-called turbine-type spark arrestor, proved in practical application, which does not hamper the draft of the locomotive's furnace.

PA 28/h9T~~5~~



KOCI, A.

First annual plenary meeting of the Czechoslovak Scientific and Technical Society for Electrical Engineering at the Czechoslovak Academy of Sciences. p. 388.
(Elektrotechnicky Obzor, Vol. 45, no. 8, August 1956. Czechoslovakia)

SO: Monthly List of East European Accessions. (REAL) LC. Vol. 6, No. 6,
June 1957. Uncl.

KOČI, A.

KOČI, A. 3d National Conference of Czechoslovak Geophysicists in Liblice. p. 181

Vol. 4, no. 6, June 1956

RUDY

TECHNOLOGY

Praha, Czechoslovakia

See: East European Accession, Vol. 6, No. 2, 1957

KOČI, B.

"New Batteries and Their Guarantees", P. 602, (SVET MOTORU, Vol. 8, No. 19,
Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EKAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

KOCI, B.

KOCI, B. Heat-resisting concrete. p. 13. Vol. 5, no. 1, Jan. 1957
INZENIERSKE STAVBY. (Ministerstvo stavebnictvi)
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

SKLADAL, J.; KOCI, B.

Problem of emphysematous states. Cas. lek. cesk. 91 no.
24-25:729-732 20 June 52.

1. Z ustanu klinicka fysiologie Karlovy university; prednosta
prof. MUDr. J. Skladal.
(EMPHYSEMA, PULMONARY.)

KOOL, B.

Respiratory function tests in workers exposed to harmful conditions.
Cas. lak. cestk. 92 no. 24:665-669 12 June 1953. (CML 24:5)

1. Of the Institute of Clinical Physiology (Head--Prof. J. Skladal, M.D.)
of Charles University, Prague.

SKLADAL, J.; KDOZEL, J.; HAGL, L.; SLABA, J.; Za technicke spoluprace
B. Braunove a A. Resia.

Experiences with a fluid contrast medium for roentgenographic
picture of the respiratory tract. Cesk. fysiolog. 5 no.2:246-
249 23 June 56.

1. Ustav klinické fysiologie LF KU, Ustav lekarske vysoky LF KU,
Praha. Demonstrovano na Sjezdu cz. fysiologu, farmakologu a
biochemiku dne 19. ríjna 1954 v Praze.

(RESPIRATORY TRACT, radiography,
contrast media, fluid (Cs))
(CONTRAST MRDIA,
in respiratory tract radiography (Cs))

SKLADAL, J.; HORNICK, V.; KOCL, B.; KOCL, J.; KURIS, H.

Notes on tracheoglottal kinetics in sudden expiration.
Physiol. bohem. 5 no.2:247-250 1956.

1. Presented at the Congress of Czechoslovak Physiologists,
Biochemists and Pharmacologists, Oct. 19, 1954, Prague.
Institute of Clinical Physiology, Charles University, Prague;
and Bulovka State Hospital, Ear, Nose and Throat Department,
Prague.

(RESPIRATION, physiology
glottis & trachea kinetics in sudden expiration)

SKLADAL, J.; HORNICK, V.; KOCL, B.; KOCL, J.; KURS, H.

Tracheal kinetics during short expiration. Cesk. fysiolog. 5 no.3:
324-327 1956.

1. Ustav pro klinickou fysiologii KU, Praha, Statni nemocnice na
Bulovce krční oddělení, Praha. Předneseno na 8. jednu čs. fysiologu,
biochemiku a farmakologu dne 19. října 1954 v Praze.

(RESPIRATION, physiology,
tracheal kinetics in expiration (Cs))
(TRACHEA, physiology,
kinetics in expiration (Cs))

KOCL, B.

SELDAL, J.; KOZEL, J.; KOCL, B.; SLABA, J.

The question of a gaseous x-ray contrast medium for x-ray of
the respiratory apparatus. Physiol. bohem. 5 no. 3:330-332
1956.

1. Institute of Clinical Physiology and Institute of Medical
Physics, Prague.

(RESPIRATORY TRACT, radiography,
gaseous contrast media)

(CONTRAST MEDIA,
gaseous for x-ray of respiratory tract)

KOCL, B.

SKIALAL, J.; KOMI, B.; HORNS, H.

Electrokymographic delineation of the lower limit of the heart in man.
Cas. lek. cesk. 97 no.27-28:861-862 4 July 58.

1. Ustav klinické fysiologie a Ustav patologické fysiologie lekarské
fakulty hygienické. J. S., Praha 2, Na Karlově 4.

(KYMOMA)

electrokymographic delineation of lower limit of heart in
man (Cs)

(KHMART

same)

SKALADAL, J.; HOMA, V.; KOCHI, B.

Preliminary considerations on the effect of strychnine on pulmonary ventilation in man. Cas. lek. cesk. 99 no.18:570-571 29 Ap. '60.

1. Ustav klinicka fysiologie a Ustav patologicka fysiologie lek.
fakulty hygienicky v Praze.

(STRYCHNINE pharmacol.)
(RESPIRATION pharmacol.)

KOCI, B.

Certain changes in the fluoro-phrenogram during sudden expiration
following hyperventilation. Cas.lak.cesk 100 no.14:428-430
7 Ap '61.

1. Ústav patol. fyziologie LFH MU v Praze, prednosta prof. dr. J.
Skádal.

(RESPIRATION physiol) (DIAPHRAGM radiog)

KOCl, Bohumil, ins., C.Sc.

Reinforced concrete constructions exposed to high temperature. Ins
stavby 9 no.10:387-393 O '61.

1. Statni planovaci urad Projekta, Praha.

SKLADAL, J., KOČI, B., MAREČEK, R.; VALACH, A.

New elements in the functional examination of respiration.
Cas.lek.cesk. 103 no.12:314-316 20 Mr'64

1. Ustav klinicke fysiologie a ustav patologické fysiologie
lekarske fakulty hygienicke KU v Praze; prednosta: prof.dr.
J.Skladal.

Koci, E.

CZECHOSLOVAKIA/Farm Animals - Poultry.

0-3

Abs Jour : Ref Zbir - Biol., No 1, 1959, 2739

Author : Koci, Eva

Inst :

Title : Effect of the Protein Ratio in Hen Rations on the Utilization of Food

Orig Pub : Pol'nohospodarstvo, 1957, 4, No 4, 685-703

Abstract : According to the results of their egg yield during the first year, hens of the Leghorn breed were divided into two groups for the 2nd year. The hens in group 1 were given a daily ration of 167.03 grams of feeds containing 17.65 grams of digestible protein and 63.18 grams of fats and carbohydrates; the protein ratio in this ration was 1:3.44. The hens of group 2 were given correspondingly a daily ration of 154.11 grams of feeds containing 13.11 grams of digestible protein and 58.33 grams of fats and

Card 1/3

- A1 -

KOCI, Eva, ins., C.Sc.; MARDIAK, Jan

Solved tasks on poultry breeding. *Vestnik vyzk semadel* 9 no.10:467-469 '62.

1. Vyškumný ústav pre chov hydiny, Ivanka pri Dunaji.

KOCI, Ivo

Activities of the telecommunication equipment shops "Ustredni dilny spoju" in Prague. Cs spoje 7 no.8:21-22 Ag '62.

1. Ustredni dilny spoju, Prague:

KOCI, J.

Design and construction of stadiums. p. 554.
TECHNICKA PRACA, Bratislava, Vol. 6, no. 9, Sept. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Unal.

KOCI, J.

Some experiences gained at an exhibit in Moscow. p. 258.

MECHANISACE ZEMEDELSTVI. Praha, Czechoslovakia. Vol. 9, no. 11, Nov. 1959.

Monthly list of East European Acquisitions (EEAI) IC, Vol. 9, no. 1, January 1960.

Uncl.

KOCI, J

A hoisting adapter. p.307.
(Mechanisace Zemadelstvi, Vol. 7, No. 1), July 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Unc1.

KOCI, J.

The Hudson cultivator in excessive sugar-beet growth. p. 372. (MECHANISACE
ZEMEDELSTVI, Vol. 7, No. 16, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

KOCI, J. [translator]

Du Pont considers the use of D₂O and of natural uranium.
Jaderna energie 4 no.4:105-106 Ap '58.

SIROVY, I., KOCL, J., PALUSKA, E.

Fractionation of albuminous substances of a modified beef serum
on the DEAE cellulose. Coll Cs Chem 27 no.11:2681-2685 N
'62.

1. Institut fur Hematologie und Bluttransfusion, Prag (for Kocil
and Paluska). 2. Institut fur Physiologie, Tschechoslovakische
Akademie der Wissenschaften (for Syrov).

HINTON,Christopher; KOCI,Jaroslav, ins.(translator)

The future for nuclear power. Jaderná energie 3 no.7:
205-210 J1 '57

DUCKWORTH, J.C.; PILLING, W.H.; KOCH, Jaroslav, ins. [translator]

Generation cost of nuclear power. Jaderná energie 3 no.9:278-282
8 '57.

KOCICH, Jaroslav, mag. doc., imm.

Atmospheric oxidation of the 10 002 steel. Sbor VST
Kosice 2: 9X-63 '62.

1. Katedra mechaniky o kovoach, tepelneho spracovania a
tvárenia kovov, Vysočka škola technicka, Košice.

SKLADAL, I.; EOCI, I.

Apneustic test. Physiol. bohem. § no.2:244-246 1936.

1. (Demonstrirovalos' na s'esde czechoslovatskikh fisiologov v
oktiabre 1954v g. Prage; prochitano 13-go Maiia 1955 g. na
lektsionnom vechere gигиенического fakul'teta Karlova universiteta).
Institut Klinicheskoy fisiologii Meditsinskogo Fakul'teta Karlova
Universiteta, Praga.

(RESPIRATION, function tests.
apneustic test (Ans))

SKLADAL, J.; KOGL, J.

Apnea test. Česk. fysiolog. 5 no.2:244-245 23 June 56.

1. Demonstrovano na Sjednu čs. fyziologu, farmakologu a biochemiku
dne 19. rujna 1954 v Praze. Predanešeno na prednaskovem večeru
hygienicke LF KU dne 13. V. 1955 v Praze.
(RESPIRATION, function tests,
apnea test (Cs))

SKLADAL, J.; HORNICEK, V.; KOCL, B.; KOCL, J.; KUREK, H.

Notes on tracheoglottal kinetics in sudden expiration.
Physiol. bohem. 5 no.2:247-250 1956.

1. Presented at the Congress of Czechoslovak Physiologists,
Biochemists and Pharmacologists, Oct. 19, 1954, Prague.
Institute of Clinical Physiology, Charles University, Prague;
and Bulovka State Hospital, Ear, Nose and Throat Department,
Prague.

(RESPIRATION, physiology
glottis & trachea kinetics in sudden expiration)

Koci

CZECHOSLOVAKIA / Human and Animal Physiology. Respir- T
ation.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22238.

Author : Skladal, Hornicek, Koci, Kures.

Inst : Not given.

Title : Kinetic changes in the Trachea and Larynx in
Rapid Expiration.

Orig Pub: Ceskosl. fysiol., 1956, 5, № 3, 324-327.

Abstract: In the subjunctional portion of the trachea and
at the level of the aortic arch, the authors
noted, on expiration, a displacement of the
posterior wall of the trachea and a narrowing
of its lumen. At the clavicular level there
was a backwards displacement of the posterior
wall of the trachea and a widening of the lumen.

Card 1/2

HOUDEK, P.; KOCH, J.

A note on a new absorption material Opadur. Cesk. radiol. 19
no. 3s212-215 My '65

1. Onkologicky ustan v Praze (reditel: MUDr. P. Vatura).

CZECHOSLOVAK/Nuclear Physics, Installations and Instruments
APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723520015-6
Methods of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 17390

Author : Behounek F., Klumper J., Koch J., Jirousek P.

Inst : Not Given

Title : Dosimetry of X-rays and Gamma Rays by the Photographic Method

Orig Pub : Ceskosl. casop. fys., 1957, 7, No 5, 565-581

Abstract : Survey article. The properties of Czechoslovak photographic materials are examined along with the possibility of their use for photographic dosimetry.

Card : 1/1

A Simple Photometer for Photographic Dosimetry CZECH/37-59-3-11/29

of the field of view are equally illuminated. The sensitivity of this densitometer is such as to measure optical densities of 0.01.

There are 1 figure, 1 table and 2 references, of which 1 is English and 1 Czech.

ASSOCIATION: Ústav jaderného výzkumu ČSAV, Praha
(Institute for Nuclear Research of the Czechoslovak
Ac.Soc., Prague)

SUBMITTED: November 10, 1958

Card 2/2 ✓

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723520015-6
CZECHOSLOVAKIA/Nuclear Physics - Installation and Instruments. C
Methods of Measurement and Research.

Abs Jour : Ref Zhur Fizika, No 4, 1960, 7925

Author : Spurny Zd., Koci, J.

Inst : -

Title : Photometer for Film Dosimeters

Orig Pub : Jaderna energie, 1959, 5, No 4, 129

Abstract : Description of the construction and of the principal parameters of a simple polarization photometer, intended for the processing of film dosimeters for individual control. The operating principle of the photometer is based on a gradual variation of the intensity of light upon crossing of two polarization foils. The photometer is calibrated directly in roentgens. The measurement accuracy is approximately 0.1 roentgen. -- V.I. Lend'yel

Card 1/1

19

Sensitive detector for ν -background and surface β -emission
terminated ~~radiation~~ ~~radiation~~ ~~radiation~~
Acad. Sci. Prague Federal Republic of Germany
By using commercially available materials and
modest high sensitivity detectors, a detector
was constructed which can measure the
radioactivity of a sample with a mass of about
100 g. The detector consists of a Geiger-Muller
counter tube with a thin lead brick window.
The detector is connected to a pulse counter
which has a built-in discriminator. The
counter has three ranges of counting rates:
Ra²²⁶ standards at various angles, to correct for gamma-ray
asymmetry. The natural background of the detector was
obtained by subtracting the known activity of the
background from the total activity.

89374

21.5.200

AUTHORS: Běhounek, Fratišek, Kočí, Jiří

TITLE: The Sensitive Gamma-Background and Surface Beta-Contamination Detector

PERIODICAL: Jaderná energie, 1960, No. 11, pp. 379 - 382

TEXT: In order to provide the Krajská hygienicko-epidemiologická střediska (Regional Hygienic-Epidemiological Centers) with a simple, inexpensive, portable instrument for gamma-background measurements in laboratories and in the field, the authors built a detector using parts currently produced in the ČSR. The basic part is the NNC-223-T transistorized radiation meter, produced by the Tesla Liberec, Subsidiary Plant in Přemyslensko, in which the only halogen GM tube has been replaced by a probe comprising a set of 6 Soviet STS-6 tubes in parallel connection. The STS-6 tube is a beta-sensitive, thin-wall, halogen GM tube, 180 mm long, 18 mm outside diameter, with an iron wall of a mean surface density of 51 g/cm². The tubes are mounted side-by-side 2 mm apart on an 8-mm thick "Umaplex" base plate and are enclosed by a box of the same material. The dimensions of the box are 220 x 141 x 48 mm. The "Umaplex" box is thick enough to shield off any external beta radiation.

Card 1/8